

## **Lithium-air batteries and their developing potential**

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Lithium-ion batteries have one of the highest energy capacities of batteries used today. They are relatively safe and reliable, lightweight, have no memory effect, and lose peak capacity very slowly compared to other battery chemistries.

Researchers are continuing to find new methods of refining the Li-ion battery, but none yet offer as much potential gain as that of lithium-air. Li-air technology has an estimated practical energy density of 1,700 Wh/kg—exactly the same as gasoline. This presentation will discuss some of the current research of Li-air batteries as well as their potential benefits and drawbacks.